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CLAIMS

A method to provide a high pressure press comprising a cylindrical pressure chamber (2) and a replaceable wear line (1), characterised by the steps of

- -insetting said wear liner (1) into said cylindrical pressure chamber (2)
 - -fixing \said wear liner (1) in place with expansion by inner pressure above the yield point, such that said wear liner (1) \is thereby arranged in a state of residual
- compressive stress by the increase in diameter of said 10 wear liner (1).
 - 2. A method adcording to claim 1, characterised by closing the prass and applying an inner fluid pressure to said wear liner \setminus (1) inside the press, so as to provide said residual compressive stress.
- 3. A method according to claim 2, characterised by said inner fluid being supplied by an external pressure source connected to the press. 20
 - 4. A method according t δ any one of claims 1-3, characterised in that said wear liner (1) is plastically deformed, so as to provide\said residual compressive stress.
 - 5. A method according to any δ ne of claims 1-4, characterised in that the method further comprises the step of removing an existing wear liner (1) which replacement includes the steps of -making one or more cuts in the inher surface of the existing said wear liner (1) with the intention of causing the existing said wear liner \setminus (1) to collapse under the residual compressive stress

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-removing the collapsed existing said wear liner (1).

6. A method according to claim 5, characterised in that the one or more cuts (10) which are made in the inner surface of the existing said wear liner (1) are approximately square in cross section.

- 7. A high pressure press comprising a cylindrical pressure chamber (2) and a replaceable wear liner (1) arranged inside the cylindrical pressure chamber (2) in a state of residual compressive stress, characterised in that the exterior surface of said wear liner (1) is in direct contact with the interior surface of said cylindrical pressure chamber (2).
 - 8. A high pressure press according to claim 7, characterised in that the wear liner (1) is shaped as a thin walled, circular cylinder.
- 9. A high pressure press according to any one of claims
 7-8, characterised in that the wear liner (1) is
 plastically deformed, as a result of an expansion of the
 wear liner after its insertion into the pressure
 chamber (2), so that a residual compressive stress is
 provided.
 - 10. The use of a high pressure press according to any one of claims 7-9 for the treatment of substances.
- 30 11. The use of a high pressure press according to any one of claims 7-9 for the isostatic pressing of powder preform products.
- 12. The use of a high pressure press according to any one of claims 7-9 for the isostatic pressing of castings.

AMENDED SHEET